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UNITED STATES AIR FORCE SCHOOL OF AEROSPACE MEDICINE

Publications and Presentations of the Ophthalmology Branch, USAF School of Aerospace Medicine 1971-1980

Thomas J. Tredici

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14. ABSTRACT Aerospace ophthalmology combines the practice of Clinical Ophthalmology and Aerospace Medicine in attempting to solve the visual and ophthalmological problems of the aviator and astronaut. The Ophthalmology Branch of the USAF School of Aerospace Medicine has exclusively performed this task for nearly 85 years. The visual problems and solutions proposed are documented in the publications and invited presentations of Ophthalmology Branch personnel, listed for the years 1971 through 1980. They deal primarily with applied visual and clinical topics; such as, visual standards for flying, the use of contact lenses in aviation, visual illusions and aircraft accidents, air-to-air target acquisition, management of glaucoma in flying personnel, the effect of ultra violet energy on the eye, laser energy effects on the eye, laser protective filters, color vision standards, microstrabismus in flying personnel, etc.							
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OPHTHALMOLOGY BRANCH

1971 Publications

1. TRANSPARENCIES USED IN MILITARY AVIATION AND THEIR EFFECTS ON VISION

Provines, Wayne F. and B. Kislin

J. Amer. Optom. Assn., Vol 42, No. 1, pp. 57-63, Jan 71.

2. F-111 WINDSCREEN MULTIPLE IMAGE PHENOMENA

Provines, Wayne F.

Report to USAFSAM Commander, 1971.

3. THE EFFECTS OF AGING ON THE AMPLITUDE OF CONVERGENCE

Provines. Wayne F.

Am. J. of Optometry and Arch. of Am. Acad. Of Optometry, Vol 48, No. 6, June 1971

4. GHOST IMAGERY INTENSITY AND DURABILITY OF SELECTED ANTIREFLECTANT COATINGS

Provines, Wayne F. et al

June 1971.

5. GLASS VERSUS PLASTIC LENSES- AN AIR FORCE REPLACEMENT AND DURABILITY COMPARISON

Targove, Bertram D. et al July 1971.

6. PERCEPTUAL ASPECTS OF STABILIZED RETINAL IMAGES

Targove, Bertram D.

Optometric Weekly, Vol. 42, pp. 35-37, Oct 71.

7. AN OVERVIEW OF BINOCULAR COLOR MIXING

Targove, Bertram D.

Optometric Weekly, Vol. 62, No. 15, 15 April 1971.

8. THE EFFECT OF PILOCARPINE ON THE ACA RATIO

Targove, Bertram D.

Am. J. of Optometry and Arch. of Am. Acad. of Optometry, Vol 48, No. 8, Aug 1971.

9. PHARMACOLOGICAL ASPECTS OF OPTOMETRIC PRACTICE

Targove, Bertram D.

Optometric Weekly, Vol. 62, No. 8, 21 Feb 71.

10. PLASTIC LENS (CR-39) WARPAGE

Kislin, Benjamin et al

SAM-TR (In Press) July 1971.

1971 Publications (continued)

11. THE EFFECTS OF ULTRAVIOLET ON THE EYE

Pitts, Donald G., T. J. Tredici

Amer. Industrial Hygiene Assn. Journal, Vol 32: 235-246, No. 4, April 1971.

12. POSSIBLE CATARACTOGENIC EFFECTS OF RADIOFREQUENCY RADIATION

Reider, D., D. L. Epstein and J. H. Kirk

Aeromedical Review 3-71, USAF School of Aerospace Medicine, Brooks AFB TX, August 1971.

13. LENS AND RED CELL SULFHYDRYL MEMBRANE GROUPS

Epstein, David L.

Exp. Eye Research, Vol 11: 351-355 (1971).

14. RETINAL ACTION POTENTIAL IN THE WHITE-EYED MUTANT OF THE MOSQUITO AEDES AEGYPTI L.

Brammer, J. D.

SAM-TR-71-17, USAF School of Aerospace Medicine, Brooks AFB TX, July 1971.

15. MICROWAVE LENTICULAR EFFECTS IN THE USAF

Shacklett, David E. et al

Source: USAF School of Aerospace Medicine, Brooks Air Force Base, Texas Handout – 1971.

16. OCULAR LASER THRESHOLD INVESTIGATIONS

Vassiliadis, A., H. C. Zweng and R. G. Dedrick

Stanford Research Institute, Menlo Park, CA. Contact F41609-70-C-0002. January 1971. AD 731577.

17. INVESTIGATION OF LASER SKIN HAZARDS

Williams, J. P. G.

Battelle/Memorial Institute. Contact F41609-70-C-0024. March 1971. AD 735794.

18. ATMOSPHERIC EFFECTS UPON LASER EYE SAFETY, PART III

Dabberdt, W. F. and W. B. Johnson

Stanford Research Institute, Menlo Park, CA. Contact F41609-69-C-0001. May 1971. AD 902417.

19. R&D OF AN OCULAR LASER PROTECTIVE FILTER

Woodcock, R. F. and R. J. Hovey

American Optical, Corporation. Contact F41609-69-C-0050. July 1971. AD 735799.

1971 Presentations

1. OCULAR COMPLICATIONS OF DRUG THERAPY

Tredici, T. J., L. Epstein

Presentation at the annual meeting of the Aerospace Medical Association, 25-29 April 1971, Houston, Texas

2. THE EVALUATION OF NIGHT VISION PROBLEMS

Chen, George D., T. J. Tredici

Presentation at the annual meeting of the Aerospace Medical Association, 25-29 April 1971, Houston, Texas.

3. EFFECTS OF RADIANT ENERGY ON THE EYE

Tredici, T. J.

Presentation to members of the National Committee for Research in Ophthalmology and Blindness at their 16th Annual Luncheon Forum, 18 September 1971, International Hotel, Las Vegas, Nevada.

4. OCULAR TRAUMA - MILITARY ASPECTS

Tredici, T. J.

Course offered to members of the American Academy of Ophthalmology and Otolaryngology at the annual meeting, 17-24 Sep 71, Las Vegas, Nevada.

5. EYE RESEARCH AT THE USAF SCHOOL OF AEROSPACE MEDICINE

Tredici, T. J.

Presentation to members of the Texas Society for the Prevention of Blindness, Inc., at their annual dinner meeting, San Antonio, Texas, 7 December 1971.

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OPHTHALMOLOGY BRANCH

1972 Publications

1. DRUSEN OF THE OPTIC DISC WITH VISUAL VIELD DEFECT AND MARCUS GUNN PUPILLARY PHENOMENON

Barry, William E., T. J. Tredici

Aerospace Medicine, Vol 43, No. 2, February 1972.

2. GLASS VERSUS PLASTIC – AN AIR FORCE REPLACEMENT DURABILITY STUDY

Targove, Bertram D., J. W. Miller, T. J. Tredici, B. Kislin, AJ. Rahe, W.F. Provines

Am. J. Optometry and Arch. Am. Acad. Optom. 49 (4): 320-329, 1972.

3. PUPILLOTONIA (ADIE'S PUPIL): DIAGNOSIS AND SIGNIFICANCE IN FLIERS

Epstein, David L., T. J. Tredici

Aerospace Medicine, Vol. 43, No. 5, May 1972.

4. HISTORY, RATIONALE, AND VERIFICATION OF COLOR VISION STANDARDS AND TESTING IN THE US AIR FORCE

Tredici, Thomas J., J. L. Mims, III, J. F. Culver

Agard Conference Pre-Print No. 99, 30 May 1972, Proceedings of the AGARD NATO Aerospace Medical Panel Meetings, Brussels, Belgium, 27 May – 2 Jun 1972.

5. PLASTIC LENS (CR-39) WARPAGE

Kislin, Benjamin, B. D. Targove, J. W. Miller, T. J. Tredici SAM-TR-72-4, July 1972.

6. EVER CLOCK AN IMPACT-RESISTANT LENS?

Kislin, Benjamin

Optometric Weekly, July 13, 1972.

7. USE OF THE FOUR-DIOPTER PRISM TEST IN MICROEXOTROPIA

Epstein, David E., T. J. Tredici

American J. of Ophthalmology, Vol 74, No. 2, August 1972.

8. OCULAR COMPLICATIONS OF DRUG THERAPY

Tredici, Thomas J., D. L. Epstein

Aerospace Medicine, Vol 43, No. 8, August 1972.

9. KERATOCONUS IN USAF FLYING PERSONNEL

Barry, William E., T. J. Tredici

Aerospace Medicine, Vol. 43, No. 9, Sep 1972.

1972 Publications (continued)

10. IDIOPATHIC CENTRAL SEROUS RETINOPATHY (CHOROIDOPATHY) IN FLYING PERSONNEL

Epstein, David L., D. E. Shacklett, T. J. Tredici, R. J. Houck Aerospace Medicine, Vol. 43, No. 11, November 1972.

11. FLITEFOCAL: A NEW VISUAL AID FOR THE PRESBYOPIC FLYER Tredici, T. J.

Project Report Ophthalmology Branch USAFSAM, May 1972.

1972 Presentations

1. CENTRAL SEROUS RETINOPATHY IN FLYING PERSONNEL

Shacklett, David E.

Presentation at the USAF Society of Clinical Surgeon's Symposium, 17-19 April 1972, Biloxi, Miss.

2. FLITEFOCAL: A NEW VISUAL AID FOR THE PRESBYOPIC FLYER

Tredici, Thomas J.

Presentation at the annual meeting of the Aerospace Medical Association, 7-12 May 1972, Bal Harbour, Florida.

3. KERATOCONUS IN USAF FLYING POPULATION

Barry, W. G., T. J. Tredici

Presentation at the annual meeting of the Aerospace Medical Association, 7-12 May 1972, Bal Harbour, Florida.

4. AN EVALUATION OF THE LANDOLT RING RADIOACTIVE PLAQUE NIGHT VISION TESTER

Mims, James L. III, T. J. Tredici

Presentation at the annual meeting of the Aerospace Medical Association, 7-12 May 1972, Bal Harbour, Florida.

5. AEROSPACE OPHTHALMOLOGY

Tredici, Thomas J.

Presentation at the annual meeting of the American Academy of Ophthalmology and Otolaryngology, Dallas, Texas, 22-29 September 1972.

SCIENTIFIC EXHIBITS - 1972

1. ULTRAVIOLET RADIANT ENERGY AND THE EYE

Tredici, T. J., D. E. Shacklett

Aerospace Medical Association Annual Meeting, 7-12 May 1972, Bal Harbour, Florida.

2. ULTRAVIOLET RADIANT ENERGY AND THE EYE

Tredici, T. J., J. G. Muckleroy

American Medical Association Annual Meeting, 17-22 Jun 72, San Francisco CA.

3. ULTRAVIOLET RADIANT ENERGY AND THE EYE

Tredici, T. J., J. G. Mucklerov

79th Annual Meeting of the Association of Military Surgeons of the United States, Convention Center, San Antonio TX, 10-13 Dec 72.

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- EVALUATION OF THE LANDOLT RING PLAQUE NIGHT VISION TESTER *Mims, James L., III, T. J. Tredici* Aerospace Medicine, Vol. 44, March 1973.
- 2. GHOST IMAGERY INTENSITY AND DURABILITY OF SELECTED ANTI-REFLECTANT COATINGS

Provines, Wayne F., B. D. Targove, B. Kislin Am. J. Optom and Arch of Am. Acad Optom, Vol 50, No. 1, 1973.

- MANAGEMENT OF GLAUCOMA IN AN AGEING FLYING POPULATION Tredici, Thomas J., J. L. Mims III, J. F. Culver Conference Proceedings, Lecture Series/Report, Aerospace Medical Panel Meetings, AGARD, Pensacola FL. 14-17 May 1973.
- 4. MICROTROPIA (MONOFIXATION SYNDROME) IN FLYING PERSONNEL Epstein, David L., T. J. Tredici
 American Journal of Ophthalmology, Vol. 76, November 1973.
- 5. HISTORY, RATIONALE AND VERIFICATION OF COLOR VISION STANDARDS AND TESTING IN THE USAF.

Tredici T.J., J. L. Mims III, J. F. Culver AGARD-CP-99, Feb. 1973.

6. RETINAL BURN THRESHOLDS FOR EXPOSURE TO A FREQUENCY-DOUBLED NEODYNIUM LASER

Gibbons W. D.

SAM TR-73-45, June 1973, USAF School of Aerospace Medicine.

7. OCULAR FINDINGS IN VIETNAM RPWs 1965-1973

Klein J. W. T. J. Tredici

Project Report Ophthalmology Branch USAFSAM, July 1973.

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1. COLOR VISION STANDARDS AND TESTING IN THE USAF: I. HISTORY, TESTING PROCEDURES AND RATIONALE

Tredici, Thomas J., J. L. Mims III, J. F. Culver

Aerospace Medical Association Scientific Meeting, Las Vegas NV, 7-10 May 1973.

2. COLOR VISION STANDARDS AND TESTING IN THE USAF: II. COLOR VISION DEFECTS IN EXPERIENCED FLYING PERSONNEL

Mims, James L. III, T. J. Tredici

Aerospace Medical Association Scientific Meeting, Las Vegas NV, 7-10 May 1973.

3. MICROWAVE LENTICULAR EFFECTS IN THE US AIR FORCE

Shacklett, David E., T. J. Tredici

Aerospace Medical Association Scientific Meeting, Las Vegas NV, 7-10 May 1973.

MANAGEMENT OF GLAUCOMA IN AN AGING FLYING POPULATION
 Tredici, Thomas J., James L. Mims III, J. F. Culver AGARD Spring Meeting, Naval Aerospace Med Center, Pensacola FL, 14-17 May
 73.

5. BALLISTIC IMPACT TESTING OF SCRATCHED AND UNSCRATCHED OPHTHALMIC LENSES

Welsh, Kenneth W.

American Optometric Association, San Francisco CA, 24 Jun – 2 July 1973.

6. CHRONIC OPEN ANGLE GLAUCOMA IN USAF PILOTS AND NAVIGATORS
- PROGRESS NOTES

Mims, James F., T. J. Tredici

Semi-annual Clinical Conference, University of Texas Medical School, San Antonio, Texas, June 1973.

7. ORTHOKERATOLOGY – HELP OR HINDRANCE

Tredici, Thomas J., D. E. Shacklett

Presentation at the annual meeting of the American Academy of Ophthalmology and Otolaryngology, 14-22 Sep 73, Dallas, Texas.

8. OPHTHALMIC ASSISTANTS

Mucklerov, Jack G.

Lecture to San Antonio College students enrolled in the Ophthalmic Assistants course, Northeast Baptist Memorial Center, 30 Aug 73.

1973 Presentations (continued)

9. VISUAL PERFORMANCE THROUGH THE B-1 AIRCRAFT PROPOSED WINDSHIELD

Provines, Wayne F.

Presentation at the 1973 annual meeting of the American Academy of Optometry, 5-12 December 1973, San Francisco CA.

10. BALLISTIC TESTING OF SUNGLASS LENSES AND PHOTOCHROMIC

LENSES

Welsh, Kenneth W.

Presentation at the 1973 annual meeting of the American Academy of Optometry, 5-12 December 1973, San Francisco CA.

11. THE EFFECTS OF HYPERBARIC PRESSURE ON KERATOMETRIC

MEASUREMENTS

Welsh, K. W.

Presentation at the 1973 annual meeting of the Amer. Acad. of Optometry, 5-12 December 1973 San Francisco, CA.

SCIENTIFIC DISPLAYS – 1973

1. VISUAL AIDS FOR THE AVIATOR

Tredici, T. J., D. E. Shacklett

Aerospace Medical Association Annual Meeting, 7-10 May 1973, Las Vegas NV.

2. VISUAL AIDS FOR THE AVIATOR

Tredici, T. J., J. G. Muckleroy

American Medical Association Annual Meeting, 22-27 June 73, New York NY.

3. VISUAL AIDS FOR THE AVIATOR

Tredici, T. J., J. G. Muckleroy

American Academy of Ophthalmology and Otolaryngology, 14-22 Sep 73, Dallas TX.

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1974 Publications

1. ORTHOKERATOLOGY - HELP OR HINDRANCE

Tredici, Thomas J., D. E. Shacklett

Transactions of Am. Acad. Ophthal. and Otolaryngol., Vol 78, No. 3, May-June 1974.

2. AEROSPACE OPHTHALMOLOGY

Tredici, Thomas J.

Aerospace Physiology and Medicine. Medical Engineering, (Ed) Charles Dean Ray, M.D., Chapter 65, Medical Publishers, Inc., Chicago, 1974.

3. BALLISTIC IMPACT TESTING OF SCRATCHED AND UNSCRATCHED OPHTHALMIC LENSES

Welsh, Kenneth W., G. Kislin, T. J. Tredici

American J. of Optometry and Physiological Optics, Vol. 51, No. 5, May 1974.

 PROPOSED WINDSHIELD FOR B-1 AIRCRAFT: AN OPTICAL EVALUATION Provines, Wayne F., B. Kislin, T. J. Tredici SAM-TR-74-35, USAF School of Aerospace Medicine, Brooks AFB TX, Sep 1974.

5. ORTHOKERATOLOGY – EFFECTS ON THE VISUAL EXAMINATION FOR FLYING

Tredici, Thomas J., D. E. Shacklett

Preprint of 1974 Scientific Program, Aerospace Medical Association, 6-9 May 1974.

6. MONOCULAR DIPLOPIA IN AIRCREW MEMBERS

Stampfer, Kenneth A., T. J. Tredici

Preprint of 1974 Scientific Program, Aerospace Medical Association, 6-9 May 1974.

7. MICROSTRABISMUS IN FLYING PERSONNEL (DIAGNOSIS AND DISPOSITION)

Tredici, Thomas J.

AGARD-CPP-152, Conference Proceedings of AGARD meeting on Medical Requirements and Examination Procedures in Relation to the Tasks of Today's Aircrew: Evaluation of the Special Senses for Flying Duties, 16-20 Sep 74, Pozzuoli (Naples), Italy.

8. OCULAR HYPERTENSION AND CHRONIC OPEN ANGLE GLAUCOMA IN USAF PILOTS AND NAVIGATORS

Mims, J. L., T. J. Tredici

SAM-TR-74-48, Dec 1974.

1974 Presentations

1. ORTHOKERATOLOGY – ITS EFFECTS ON THE VISUAL EXAMINATION FOR FLYING

Tredici, Thomas J., D. E. Shacklett

Presentation at the 45th Annual Scientific Meeting of the Aerospace Medical Association, 4-10 May 1974, Wash DC.

2. MONOCULAR DIPLOPIA IN AIRCREW MEMBERS

Stampfer, Kenneth A., T. J. Tredici

Presentation at the 45th Annual Scientific Meeting of the Aerospace Medical Association, 4-10 May 1974, Wash DC.

3. THE STATUS OF OPTOMETRY IN THE AIR FORCE

Kislin, Benjamin

Presentation at the Biennial Army Optometry Seminar, 21-25 Oct 74, Fitzsimons Army Medical Center, Denver CO.

4. EYE DAMAGE FROM SPECTACLE LENS FRAGMENTATION – WITH AND WITHOUT CONTACT LENSES

Welsh, Kenneth W.

Presentation at the Annual Meeting of the American Academy of Optometry, 11-17 Dec 74, Miami Beach FL.

5. MICROSTRABISMUS IN FLYING PERSONNEL (DIAGNOSIS AND DISPOSITION)

Tredici. Thomas J.

Presented at the 31st Aerospace Medical Panel Meeting of AGARD, NATO, Academia Aeronautica, Possuoli (Naples) Italy, 16-20 Sep 74.

6. GLAUCOMA AND TONOGRAPHY

Tredici, Thomas J.

Lecture – Continuing Education Program of the Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO) for Ophthalmic Technicians, 10 October 1974, Dallas, Texas.

1974 Presentations (continued)

SCIENTIFIC DISPLAYS - 1974

1. VISUAL AIDS FOR THE AVIATOR

Tredici, T. J., D. E. Shacklett Aerospace Medical Association Annual Meeting, 6-9 May 1974, Wash DC.

2. VISUAL AIDS FOR THE AVIATOR

Col Thomas J. Tredici

American Medical Association Annual Meeting, 22-27 June 74, Chicago IL.

3. VISUAL AIDS FOR THE AVIATOR

D. I. Tasker, Mr J. W. Miller

American Academy of Ophthalmology and Otolaryngology, 5-10 Oct 74, Dallas TX.

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1975 Publications

 THE EFFECTS OF HYPERBARIC AIR PRESSURE ON KERATOMETRY Welsh, Kenneth W., Quentin Bennett, B. Kislin Am. J. Optom. & Physiol. Optics, Vol 52, March 1975, p. 192-198.

2. AN UP-TO-DATE LOOK AT EYE SAFETY

Welsh, Kenneth W., J. A. Kemp Medical Service Digest – Sept/Oct 1975, p. 26-27.

3. EYE DAMAGE FROM SPECTACLE LENS FRAGMENTATION – WITH AND WITHOUT CONTACT LENSES

Welsh, Kenneth W., T. J. Tredici

Ophth. Branch Project Paper, Oct 1975.

4. MONOCULAR DIPLOPIA IN AIRCREW MEMBERS

Stampfer, Kenneth A., T. J. Tredici

American Journal of Ophthalmology, Vol 80, No. 4, Oct 1975, p. 759-763.

5. THE UNITED STATES AIR FORCE SCREENING AND MANAGEMENT PROGRAM FOR CHRONIC OPEN-ANGLE GLAUCOMA – EVALUATION AFTER TEN YEARS

Tredici, Thomas J., J. L. Mims III

46th Annual Scientific Meeting, Aerospace Medical Association, San Francisco CA, 28 April – 1 May 1975.

6. THE AEROMEDICAL IMPLICATIONS OF OCULAR INJURIES – USAF SCHOOL OF AEROSPACE MEDICINE EXPERIENCE

Shacklett, David E., T. J. Tredici

46th Annual Scientific Meeting, Aerospace Medical Association, San Francisco CA, 28 April – 1 May 1975.

7. USE OF THE ERG AND EOG IN EVALUATING THE EFFECT OF SLEEP DEPRIVATION ON VISUAL FUNCTION IN FLYING PERSONNEL

Tasker D. I, S. G. Kinel, T. J. Tredici

Aviation, Space and Environ Med. July 1975, p. 943-945.

8. MONOCULAR DIPLOPIA IN FLYING PERSONNEL

Stampfer K. A., T. J. Tredici

American Journal of Ophthalmology, Vol 80, No. 4, Oct 1975, p. 759-763.

1975 Publications (continued)

9. EVALUATION OF POSSIBLE MICROWAVE INDUCED LENS CHANGES IN THE UNTED STATES AIR FORCE

Shacklett, D. E., T. J. Tredici, D. L. Epstein

Aviation, Space and Environ Med., Nov 1975, p. 1403-1406.

10. VISUAL PERFORMANCE THROUGH A SAMPLE WINDSHIELD SEGMENT OF THE B-1 AIRCRAFT

Provines, W. F., B. Kislin

Am J Optom & Physical Optics, Vol 52, Jan. 1975, p. 51-57.

11. CORNEAL CURVATURE CHANGES DUE TO EXPOSURE TO A CARBON DIOXIDE LASER: A PRELIMINARY REPORT

Gallagher, J. T.

SAM-TR-75-44 USAF School of Aerospace Medicine, Dec 1975.

12. METHOD FOR MEASURING THE OPTICAL COMPONENTS OF THE MONKEY EYE

Gallagher, J. T.

SAM-TR-75-35 USAF School of Aerospace Medicine, Dec 1975.

1975 Presentations

1. ORTHOKERATOLOGY - IS IT A HELP OR HINDRANCE?

Tredici, Thomas J.

Paper Presentation in Houston Chapter of Contact Lens Society of America 4 February 1975, Houston, TX.

2. OPHTHALMOLOGY AT THE USAF SCHOOL OF AEROSPACE MEDICINE *Tredici, Thomas J.*

Paper Presentation in San Antonio Society of Ophthalmology and Otolaryngology Meeting, 18 March 1975, San Antonio, TX.

3. ORTHOKERATOLOGY

Tredici, Thomas J.

Guest Lecturer of Contact Lens Society of Texas Meeting, 18-20 April 1975, Austin TX.

4. THE OCULAR EFFECTS OF MICROWAVE

Shacklett, David E.

Paper Presentation in the First Annual Emory Grady Eye Residence Alumni Meeting, 3-6 Dec 75, Atlanta GA.

5. THE UNITED STATES AIR FORCE SCREENING AND MANAGEMENT PROGRAM FOR CHRONIC OPEN-ANGLE GLAUCOMA – EVALUATION AFTER 10 YEARS

Tredici, T. J., J. L Mims III

Lecture at Aerospace Medical Association Meeting, San Francisco CA 28-Apr – 1 May 1975.

6. THE AEROMEDICAL IMPLICATIONS OF OCULAR INJURIES – USAF SCHOOL OF AEROSPACE MEDICINE EXPERIENCE

Shacklett D. E., T. J. Tredici

Lecture at Aerospace Medical Association Meeting, San Francisco CA 28 Apr – 1 May 1975.

7. THE EFFECT OF SLEEP DEPRIVATION ON VISUAL FUNCTION IN US AIR FORCE FLYING PERSONNEL

Tasker D., T. J. Tredici

Lecture at Aerospace Medical Association Meeting, San Francisco CA 28 Apr – 1 May 1975.

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1976 Publications

1. VISUAL AIDS AND EYE PROTECTION FOR THE AVIATOR

Tredici, T. J. (editor and session organizer)

AGARD Conf Proceeding, No 191, October 1976.

USAF AVIATOR GLASSES – HGU-4/P (HISTORY AND PRESENT STATE OF DEVELOPMENT)

Tredici, T. J.

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7. PHOTOREACTIVE LENSES AND THE AIR FORCE FLYER

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2. TONOGRAPHY

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3. CAREER DEVELOPMENT

Kislin, Benjamin

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4. VISUAL AIDS AND EYE PROTECTION FOR THE AVIATOR

Tredici, Thomas J.

Session Organizer, AGARD (NATO) Aerospace Medical Panel Specialist's Meeting, 3-14 April 76, Copenhagen, Denmark.

5. ELECTROPHYSIOLOGY EXPERIENCE AT USAFSAM

Burman, Mathew L.

Paper Presentation, Society of Air Force Clinical Surgeons Symposium, 12-14 April 76, Biloxi MI.

6. MICROTROPIA IN FLYING PERSONNEL

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7. OPTOMETRY-OPHTHALMOLOGY TECHNICIAN TRAINING

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8. VISION WORKING GROUP #35

Tredici, Thomas J.

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9. GLAUCOMA AND TONOMETRY

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2. ORTHOKERATOLOGY

Tredici, Thomas J.

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3. FACIAL NERVE AND LACRIMAL SYSTEM

Klein, James W.

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4. THE NEURO-OPHTHALMOLOGIC EXAMINATION

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5. VISUAL AIDS FOR THE AVIATOR AND USAF AVIATORS' SPECTACLES HGU-4/P

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6. ELECTRO-OCULOGRAPHY: A RELATIVELY NEW TECHNIQUE FOR RETINAL EVALUATION

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7. VISION WORKING GROUP #35, OCULAR EFFECTS OF MICROWAVE RADIATION

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11. AEROMEDICAL FACTORS OF AIR COMBAT CAPABILITIES

Tredici, Thomas J., Benjamin Kislin

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12. ORTHOKERATOLOGY

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4. AIR FORCE OPTOMETRY-A BRIEFING

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5. OPTOMETRIC EDUCATION

Provines, W. F.

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Coffman, M. R.

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13. HISTORY OF THE USAF SCHOOL OF AEROSPACE MEDICINE

Kislin, B.

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14. THE EFFECTS OF VISUAL TRAINING ON NORMAL VISION

Goodson, R. A.

Presentation at Amer. Academy of Optometry Congress, Boston, MA 7-12 Dec 1978.

15. EYE FINDINGS IN RPWS

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3. CHIASMAL EPENDYMOMA

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4. A SEARCH FOR A NEW AIRCREW SPECTACLE FRAME

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5. ACUTE OPTIC NEURITIS: PROGRAM FOR THE DEVELOPMENT OF

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6. OCULAR FINDINGS IN VIETNAM RPWS 1965-1973

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Poster American Academy of Ophthalmology Meeting, San Francisco, CA. 5-9 Nov 1979.

7. POLYCARBONATE VERSUS CR-39 LENSES: A FIELD STUDY

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SAM-TR-79-42, December 1979.

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1. PRESCRIPTION SUNGLASS REQUIREMENTS FOR THE ARMY, NAVY, AND AIRFORCE

Tredici, T. J. (Chairperson)

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2. VISUAL STANDARDS FOR FLYING

Tredici, T. J.

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3. BLEPHAROSPASM

O'Connor, P. S.

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4. VISUAL STANDARDS FOR ENTRY INTO PILOT TRAINING IN THE USAF-PHILOSOPHY AND RECOMMENDATIONS

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6. GLAUCOMA AND THE FLYER

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Tredici, T. J.

Exhibit at Aerospace Medical Assn 50th Anniversary, Washington D.C., 13-17 May 1979.

10. NEURO-OPHTHALMOLOGICAL PROBLEMS AND DISEASES IN USAF

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11. THE EFFECT OF HYPERBARIC OXYGEN ON VISION

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12. THE PUPIL, C. MILLER FISHER SYNDROME

O'Connor, P. S.

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13. DOMINANT OPTIC NERVE ATROPHY

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14. SIXTY YEARS OF AEROSPACE OPHTHALMOLOGY (EXHIBIT)

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15. OCULAR FINDINGS IN RPWS

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16. AEROSPACE OPHTHALMOLOGY, 1918-1979

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17. GLAUCOMA AND TONOMETRY

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18. AIR-TO-AIR TARGET ACQUISTION

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20. AIRCRAFT GLARE-SHIELD

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2. CHOROIDAL OSTEOMA A NEW CLINICOPATHOLOGIC SYNDROME O'Connor, P. S.

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3. VISUAL ACUITY AND AIR-TO-AIR TARGET ACQUISTION Goodson, R. A.

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5. THE EFFECT OF TOPICAL MYDRIACYL AND PHENYLEPHRINE ON CARDIAC RATE AND RHYTHM

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- 6. MILES DEVICE: OCULAR HAZARD EVALUATION

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- 8. SCREENING AND MANAGEMENT OF GLAUCOMA IN FLYING PERSONNEL Tredici, T. J.

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10. VISUAL AND CLINCIAL CONSIDERATIONS

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11. TRAINING FOR AIR-TO-AIR TARGET ACQUISITION

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1. HISTORICAL DEVELOPMENT OF ORTHOKERATOLOGY AND SUMMARY OF PRESENT TECHNIQUES

Tredici, Thomas J.

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2. NEW CONCEPTS IN VISION CORRECTION FOR FLYERS

Tredici. Thomas J.

Briefing to Commandant, RAF Institute of Aviation Medicine USAF School of Aerospace Medicine, Brooks AFB TX, 16 Jan 1980.

3. NEURO-OPHTHALMOLOGY

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5. MANAGEMENT OF OPHTHALMIC CASUALTIES IN SOUTHEAST ASIA

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7. VISUAL ILLUSIONS AND AIRCRAFT ACCIDENTS

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9. EXTRAOCULAR MUSCLE INVOLVEMENT IN PERRY ROMBERG

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10. BIETTI'S CRYSTALLINE DYSTROPHY OF THE RETINA: REPORT OF A

FAMILY

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